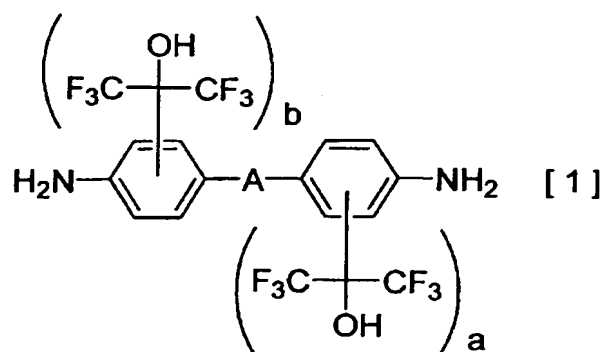


ABSTRACT

The present invention relates to a fluorine-containing polymerizable monomer represented by the formula [1],

5 [Chem. 31]



wherein A represents a single bond, oxygen atom, sulfur atom, CO, CH₂, SO, SO₂, C(CH₃)₂, NHCO, C(CF₃)₂, phenyl, or aliphatic ring; each of "a" and "b" independently represents an integer of 0-2; and 1 ≤ a+b ≤ 4. This

10 fluorine-containing polymerizable monomer can be used as an effective polymerizable monomer, which can exhibit water repellency, oil repellency, low water absorptive property, heat resistance, weather resistance, corrosion resistance, transparency, photosensitivity, low refractive index property, low dielectric property, etc., and can be used for advanced polymer material fields.